

AMENDMENT AND RESPONSE

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Serial No.: 10/002,218

Filing Date: November 1, 2001

Attorney Docket No. 100.230US01

Title: MOUNTING CIRCUIT BOARDS IN HOUSING

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of claims:

1. (Currently Amended) A mounting apparatus comprising:

at least one first block securable within a housing, the at least one first block having first and second grooves for respectively receiving a first edge of a first circuit board and a first edge of a second circuit board such that the first and second circuit boards are aligned with each other and are spaced apart; and

at least one second block securable within the housing, the at least one second block having a groove for receiving a second edge of the first circuit board that is perpendicular to the first edge of the first circuit board, the at least one second block having a surface to which the second circuit board is attached adjacent a second edge of the second circuit board that is perpendicular to the first edge of the second circuit board;

wherein at least one of the first and second grooves in the at least one first block is tapered;

wherein the at least one first block having first and second grooves for respectively receiving a the first edge of a the first circuit board and a the first edge of a the second circuit board and the at least one second block having a groove for receiving a the second edge of the first circuit board comprises the at least one first block having first and second grooves for grasping and securing a the first edge of a the first circuit board and a the first edge of a the second circuit board and the at least one second block having a groove for grasping and securing a the second edge of the first circuit board.

2. (Previously Presented) The apparatus of claim 1, wherein the at least one first block comprises a plurality of first blocks..

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3. (Previously Presented) The apparatus of claim 1, wherein the at least one second block comprises a plurality of second blocks.
4. (Canceled)
5. (Previously Presented) The apparatus of claim 1, wherein the surface of the at least one second block comprises a surface of a projection of the at least one second block, the projection having an aperture passing therethrough.
6. (Original) The apparatus of claim 5, wherein the aperture is threaded.
7. (Previously Presented) The apparatus of claim 5, wherein the aperture aligns with an aperture in the second circuit board and a fastener passes through the aperture in the second circuit board and into the aperture in the projection of the at least one second block to secure the second circuit board to the at least one second block.
8. (Previously Presented) The apparatus of claim 1, wherein one or more of the at least one first and second blocks comprises a hole passing therethrough for receiving a fastener for securing at least one of the first and second blocks to the housing.
9. (Original) The apparatus of claim 8, wherein the hole is elongated.
10. (Previously Presented) A mounting apparatus comprising:
a plurality of first blocks securable within a housing, each of the plurality of first blocks having first and second tapered grooves for respectively grasping a first edge of a

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first circuit board and a first edge of a second circuit board such that the first and second circuit boards are aligned with each other and are spaced apart; and

a plurality of second blocks securable within the housing, each of the plurality of second blocks having a slot for receiving a second edge of the first circuit board that is perpendicular to the first edge of the first circuit board, each of the plurality of second blocks having a surface to which the second circuit board is attached adjacent a second edge of the second circuit board that is perpendicular to the first edge of the second circuit board;

wherein the first and second circuit boards are secured via the grasped first edge of the first circuit board and the grasped first edge of the second circuit board, respectively.

11. (Original) The apparatus of claim 10, wherein the surface of each of the plurality of second blocks comprises a surface of a projection of each of the plurality of second blocks, the projection of each of the plurality of second blocks having an aperture passing therethrough.

12. (Original) The apparatus of claim 11, wherein the aperture of the projection of each of the plurality of second blocks is threaded.

13. (Original) The apparatus of claim 11, wherein the aperture of the projection of each of the plurality of second blocks respectively aligns with one of a plurality of apertures in the second circuit board and a fastener passes through each of the plurality of apertures in the second circuit board and into the aperture of the projection of each of the plurality of second blocks to secure the second circuit board to each of the plurality of second blocks.

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14. (Original) The apparatus of claim 10, wherein each of the plurality of first blocks comprises an elongated hole passing therethrough for receiving a fastener for securing each of the plurality of first blocks to the housing.

15. (Original) The apparatus of claim 10, wherein each of the plurality of second blocks comprises an elongated hole passing therethrough for receiving a fastener for securing each of the plurality of second blocks to the housing.

16. (Previously Presented) A mounting apparatus comprising:

a first block securable within a housing, the first block having first and second tapered grooves for respectively grasping and securing a first edge of a first circuit board and a first edge of a second circuit board such that the first and second circuit boards are aligned with each other and are spaced apart; and

a second block securable within the housing, the second block having a groove for receiving a second edge of the first circuit board that is perpendicular to the first edge of the first circuit board, the second block comprising a projection having a surface and an aperture passing through the projection;

wherein the aperture in the projection of the second block aligns with an aperture in the second circuit board and a fastener passes through the aperture in the second circuit board and into the aperture in the projection of the second block to secure the second circuit board to the surface of the projection adjacent a second edge of the second circuit board that is perpendicular to the first edge of the second circuit board.